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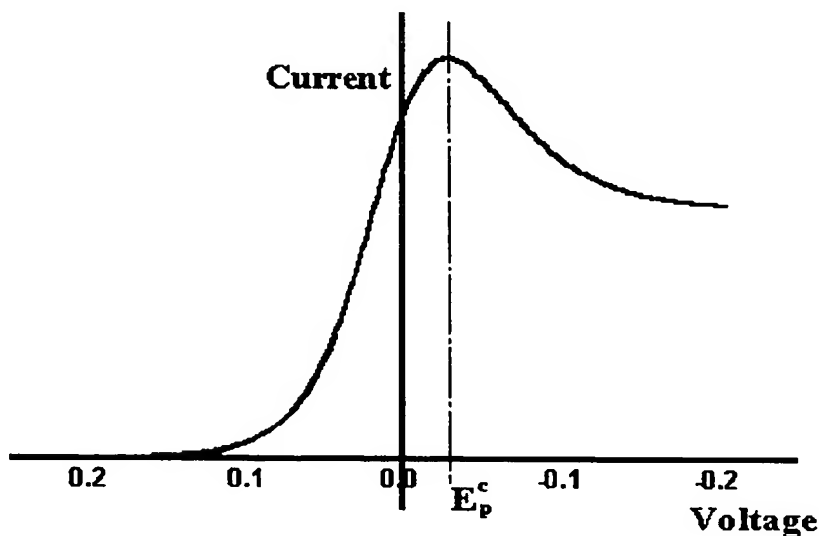
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(54) Title: **ELECTROCHEMICAL SENSING USING AN ENZYME ELECTRODE**



(57) Abstract: Electrodes for use in electrochemical assays to determine whether a candidate drug is metabolised by an oxidative drug-metabolising enzyme (DME) are described. In a first type of electrode the DME is immobilised at the surface of the electrode. In a second type of electrode, a surface of the electrode is modified by the covalent or non covalent addition of chemical groups to allow efficient transfer of electrons from the electrode to the DME in solution. Use of the electrodes in electrochemical assays are described, as well as electrochemical reaction chambers comprising the electrodes.